

# INTERNATIONAL SEARCH REPORT

International Application No

PC<sup>1</sup> B2004/004765

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01N65/00 A01N49/00 C09D5/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01N C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPQ-Internal, WPI Data, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>M. A. BIRKETT ET AL.: "Antifeedant compounds from three species of Apiaceae active against the field slug, Deroceras reticulatum (Muller)."</p> <p>J. CHEM. ECOLOGY, vol. 30, no. 3, March 2004 (2004-03), pages 563-576, XP002317874</p> <p>page 564, paragraph 3 - page 565, paragraph 1</p> <p>page 567, paragraph 3</p> <p>table 1</p> <p>page 570, paragraph 2; figures 2-4</p> <p>page 573, paragraph 2</p> <p>page 574, paragraph 2 - page 575, paragraph 2</p> <p>-----</p> <p>-/--</p>	1,5-24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 February 2005

Date of mailing of the international search report

13.07.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Klaver, J

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PC B2004/004765

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 697 133 A (TRANSBIOTECH; TERROM GERARD) 29 April 1994 (1994-04-29) cited in the application page 1, lines 2-9 page 3, line 30 - page 4, line 10 page 6, lines 1-5 page 9, line 6 - page 10, line 14 -----	1, 3, 6-24
X	DATABASE BIOSIS BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 2002, XP002250468 retrieved from BIOSIS Database accession no. 2002:113473 abstract & A. F. ALLAM ET AL.: "Laboratory assessment of the molluscicidal activity of Commiphora molmol (Myrrh) ...." J. EGYPTIAN SOC. PARASITOL., vol. 31, 2001, pages 683-690, -----	1, 5-24, 38
X	WO 00/04775 A (UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED; INSECT INVESTIGATIONS) 3 February 2000 (2000-02-03) page 1, paragraph 4 page 5, line 4 page 6, paragraph 5 - page 7, paragraph 3 -----	1, 6-10, 15, 16, 20, 28, 43
P, X	WO 03/092385 A (COMPTON DEVELOPMENTS LTD; BOWEN, IVOR, DELME; ALI, AHMED) 13 November 2003 (2003-11-13) cited in the application page 2, line 31 - page 3, line 25 page 5, lines 6-29 -----	1-48
X	US 5 518 719 A (BLUM ET AL) 21 May 1996 (1996-05-21) column 1, lines 35-45; tables 1, 2 -----	1, 5-10, 13, 15-19
X	DATABASE WPI Section Ch, Week 198734 Derwent Publications Ltd., London, GB; Class A82, AN 1987-240160 XP002317875 & JP 62 164771 A (NIPPON PAINT CO LTD) 21 July 1987 (1987-07-21) abstract -----	25-27, 29-37

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB2004/004765

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-24, 38-47

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-24,38-47

- i. A composition comprising an isolated compound with one or more carriers for use as a molluscicidal and/or mollusc repellent agent wherein the compound is selected from (I) cis-beta- and trans-beta-ocimene, (II) bisabolene, bisabolol or germacrene type sesquiterpenes and (III) santalene or caryophyllene type sesquiterpenes (claims 1 - 19).
  - ii. The use of a composition as defined in claims 1 - 19 or of an isolated compound selected from (I), (II) or (III) as a molluscicidal and/or mollusc repellent agent (claims 20 - 24).
  - iii. An anti-barnacle composition comprising an isolated compound and one or more carriers wherein the compound is cis-beta-ocimene or trans-beta-ocimene (Claims 38 - 43).
  - iv. The use of a composition as defined in claims 38 - 43 or of cis-beta- or trans-beta-ocimene as an anti-barnacle agent (Claims 44 - 47).
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2. claims: 25-37

The use of plant material derived from a plant of the family Caesalpiniaceae (pref. of the genus Detarium), Olaceae (preferably of the genus Ximenia), Polygonaceae (preferably of the genus Polygonum) or Burseraceae (preferably of the genera Commiphora or Boswellia) as an anti-barnacle agent.

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3. claim: 48

A method of forming a stable water emulsion comprising an essential oil, a surfactant and water wherein the essential oil and the surfactant are mixed together prior to the addition of water.

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International Application No  
P( GB2004/004765

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
FR 2697133	A	29-04-1994	FR	2697133 A1	29-04-1994
WO 0004775	A	03-02-2000	AU WO	5056199 A 0004775 A1	14-02-2000 03-02-2000
WO 03092385	A	13-11-2003	AU CA EP WO	2003229989 A1 2483652 A1 1499192 A1 03092385 A1	17-11-2003 13-11-2003 26-01-2005 13-11-2003
US 5518719	A	21-05-1996	US	5384120 A	24-01-1995
JP 62164771	A	21-07-1987	NONE		